



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/586,942	07/24/2006	Herbert Handl	4962/PCT	6552
21553 7590 08/12/2008 FASSE PATENT ATTORNEYS, P.A. P.O. BOX 726 HAMPDEN, ME 04444-0726				
EXAMINER				
CHU, CHRIS C				
ART UNIT		PAPER NUMBER		
2815				
MAIL DATE		DELIVERY MODE		
08/12/2008		PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/586,942

Applicant(s)

HANDL ET AL.

Examiner

CHRIS C. CHU

Art Unit

2815

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 May 2008.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1, 2 and 5 - 7 is/are pending in the application.
4a) Of the above claim(s) 5 is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1, 2, 6 and 7 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on 24 July 2006 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☒ Information Disclosure Statement(s) (PTO/SF-08)
Paper No(s)/Mail Date 7/24/06

- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date _____
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____

DETAILED ACTION

Election/Restrictions

1. Applicant's election with traverse of Group I (claims 1, 2, 6 and 7) in the reply filed on May 29, 2008 is acknowledged. The traversal is on the ground(s) that after the present amendment, claim 5 depends from claim 1 and is directed to a method of making or using the product of claim 1 and should be rejoined upon the allowance of claim 1. This is not found persuasive because the product claim 1 does not claim a bond connection between the bond contact bearer of the electronics housing and an additional bond contact bearer. Thus, as long as one structure or element in a product is different from that of another product, the product is materially different and the claim 1 is not allowable.

The requirement is still deemed proper and is therefore made FINAL.

Drawings

2. The drawings are objected to under 37 CFR 1.83(a). The drawings must show every feature of the invention specified in the claims. Therefore, the following limitation "a projection of the supporting body above the base plate being greater than the distance between the bond contact bearer and the base plate" in claim 2 must be shown or the feature(s) canceled from the claim(s). No new matter should be entered.

Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet,

even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as “amended.” If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either “Replacement Sheet” or “New Sheet” pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Claim Rejections - 35 USC § 112

3. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

4. Claim 2 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

(A) In claim 2, it is unclear what applicant regards as “a projection of the supporting body above the base plate being greater than the distance between the bond contact bearer and the base plate”. That is, the limitation of claim 1 “the bond contact bearer is supported on the base plate by a supporting body” precludes projection of the supporting body above the base plate being smaller than the distance between the bond contact

bearer and the base plate. Thus, the limitation is contradicting each other, hence the claim can not be understood.

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

6. Claim 1 is rejected under 35 U.S.C. 102(b) as being anticipated by Yasuda et al. (U. S. Pat. No. 4,042,861).

Regarding claim 1, Yasuda et al. discloses in e.g., Fig. 2 an electronic device (the device in e.g., Fig. 2)

- with a base plate (2; column 5, line 1),
- with an electronics housing (1a; column 4, line 37) which is connected to the base plate (2), with at least one bond contact bearer (3b'; column 5, lines 51 and 52 and see e.g., Fig. 2),
- characterised in that the bond contact bearer (3b') is supported on the base plate (2) by a supporting body (2a; the first projection from the surface 2b of the base plate 2) in such a manner that the supporting body (2a) exerts a pretension force onto the bond contact bearer (3b'; see e.g., Fig. 2).

7. Claims 1, 2, 6 and 7 are rejected under 35 U.S.C. 102(b) as being anticipated by Christopher et al. (U. S. Pat. No. 6,058,013).

Regarding claim 1, Christopher et al. discloses in e.g., Fig. 2 an electronic device (the device in e.g., Fig. 2)

- with a base plate (278; column 4, line 50),
- with an electronics housing (201; column 4, line 24) which is connected to the base plate (278), with at least one bond contact bearer (the lead that is passing thru the wall 101'; see e.g., Fig. 2),
- characterised in that the bond contact bearer (the lead that is passing thru the wall 101') is supported on the base plate (278) by a supporting body (101; column 2, line 41) in such a manner that the supporting body (101) exerts a pretension force onto the bond contact bearer (the lead that is passing thru the wall 101'; see e.g., Fig. 2).

Regarding claim 2, Christopher et al. discloses in e.g., Fig. 2 a projection of the supporting body (101) above the base plate (278) being greater than the distance between the bond contact bearer (the lead that is passing thru the wall 101') and the base plate (278; see e.g., Fig. 2).

Regarding claim 6, Christopher et al. discloses in e.g., Fig. 2 the supporting body (101) representing a separate component from the base plate (278; see e.g., Fig. 2), which is mechanically connected to the electronics housing (201; see e.g., Fig. 2) .

Regarding claim 7, Christopher et al. discloses in e.g., Fig. 2 the supporting body (101) being designed as a projecting ring or as a plurality of projecting individual segments (see e.g., Fig. 2).

Conclusion

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Leighton et al., Murakami, Nagai, Kami et al., Komuro, Chan and Juan disclose an electronic device.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to CHRIS C. CHU whose telephone number is (571)272-1724. The examiner can normally be reached on 11:30 - 8:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kenneth Parker can be reached on 571-272-2298. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Chris C. Chu
Primary Examiner
Art Unit 2815

/Chris C. Chu/
Primary Examiner, Art Unit 2815
Friday, August 08, 2008